CLAIMS:

1. A scroll compressor in which the interior of a closed shell is divided into a compression chamber and an electric motor chamber by a main frame; and a rotational drive shaft is provided to transmit a rotational driving force generated in said electric motor chamber into said compression chamber,

wherein said rotating drive shaft has a main shaft arranged coaxially in said electric motor chamber and a crank shaft, which is integrally formed at one end of said main shaft, for revolving an orbiting scroll in said compression chamber; taking the diameter of said main shaft as Dm and the diameter of said crank shaft as Dc, said crank shaft is arranged so that the eccentricity e thereof with respect to said main shaft has a relation of $e > (Dm-Dc)/2$;

between said main shaft and said crank shaft is provided a joint shaft having a length corresponding to a machining relief at the time when machining is performed with an accuracy necessary for functioning such that said main shaft serves as a sliding bearing with respect to a main bearing of said main frame and said crank shaft serves as a sliding bearing with respect to a crank bearing of said orbiting scroll; and said joint shaft has a shape which falls within the diameter Dm of said main shaft and within the diameter Dc of said crank shaft when viewed in the axial direction.

2. The scroll compressor according to claim 1, wherein the length of said joint shaft is within 3 mm.

3. The scroll compressor according to claim 1 or 2, wherein a sub-frame for supporting the other end of said rotational drive shaft is further provided in said closed shell, and the other end of said rotational drive shaft is pivotally supported in the thrust direction via said sub-frame.